

## INTERNET INTERFACE CONTROLLER

### ABSTRACT OF THE DISCLOSURE

An interface controller for managing operation of a plurality of devices via a wide  
5 area network is provided. Each of the devices has a unique communication protocol  
associated therewith. A network communications layer is provided for communicating with  
the plurality of devices via the wide area network and a client application associated with the  
plurality of devices. An information processing layer is also provided for communicating  
with the network communications layer. The information processing layer has a set of  
10 objects corresponding to each of the plurality of devices. The information processing layer  
is also for interacting with a data access layer on behalf of each of the plurality of devices  
using the corresponding objects. Interaction between the information processing layer and  
the data access layer on behalf of all of the plurality of devices is governed by a single set of  
rules.

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